

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/544,151
		Filing Date	August 1, 2005
		First Named Inventor	Francis X. Smith
		Art Unit	1614
		Examiner Name	Zohreh A. Fay
(Use as many sheets as necessary)		Attorney Docket Number	3009108 US01
Sheet	1	of	7

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
Z.F.	1	US- 1,432,345	10-17-1922	W. W. Lasker	
	2	US- 2,976,576	03-28-1961	O. Wichterle et al.	
	3	US- 3,428,576	02-18-1969	Dickinson et al.	
	4	US- 3,429,576	02-25-1969	Yoshiaki Ikeda	
	5	US- 3,503,393	03-31-1970	R. E. Manley	
	6	US- 3,591,329	07-06-1971	Chromeczek et al.	
	7	US- 3,689,673	09-05-1972	Phares, Jr.	
	8	US- 3,755,561	08-28-1973	Rankin	
	9	US- 3,873,696	03-25-1975	Randerl et al.	
	10	US- 3,876,768	04-08-1975	Blank	
	11	US- 3,888,782	06-10-1975	Boghossian et al.	
	12	US- 3,910,296	10-07-1975	Karageozian et al.	
	13	US- 3,911,107	10-07-1975	Krezanoski	
	14	US- 3,912,450	10-14-1975	Boucher	
	15	US- 3,943,251	03-09-1976	Medow et al.	
	16	US- 4,022,834	05-10-1977	Gundersen	
	17	US- 4,029,817	06-14-1977	Blanco et al.	
	18	US- 4,046,706	09-06-1977	Krezanoski	
	19	US- 4,136,173	01-23-1979	Pramoda et al.	
	20	US- 4,136,175	01-23-1979	Rideout et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
Z.F.	21	GB 1,398,058	03-15-1973	Farmaceutisk		
	22	JP 58010517 A	01-21-1983	Santen Pharmaceutical		
	23	WO 91/01763	02-21-1991	Schering Corp.		
	24	WO 92/04905	04-02-1992	Abraham et al.		
	25	WO 92/11876	07-23-1992	Schering Corp.		
	26	WO 92/21049	11-26-1992	Allergan, Inc.		
	27	WO 94/00160	01-06-1994	Allergan, Inc.		
	28	WO 95/00176	01-05-1995	Allergan, Inc.		
	29	WO 96/06603	03-07-1996	Alcon Laboratories		

Examiner Signature	<i>Zohreh A. Fay</i>	Date Considered	7/8/07
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Sheet 2 of 7

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Z.F.	30	US- 4,136,534	01-30-1979	Villa	
	31	US- 4,209,817	06-24-1980	McGinnis	
	32	US- 4,354,952	10-19-1982	Reidhammer et al.	
	33	US- 4,361,458	11-30-1982	Grajek et al.	
	34	US- 4,361,548	11-30-1982	Smith et al.	
	35	US- 4,361,549	11-30-1982	Kung et al.	
	36	US- 4,394,381	07-19-1983	Sherrill	
	37	US- 4,439,417	03-27-1985	Matsunaga et al.	
	38	US- 4,525,346	06-25-1985	Stark	
	39	US- 4,599,360	07-08-1986	Fukami et al.	
	40	US- 4,748,189	05-31-1988	Su et al.	
	41	US- 4,758,595	07-19-1988	Ogunbiyi et al.	
	42	US- 4,783,488	11-08-1988	Ogunbiyi et al.	
	43	US- 4,820,352	04-11-1989	Reidhammer et al.	
	44	US- 4,826,879	05-02-1989	Yamamoto et al.	
	45	US- Re. 32,672	05-24-1988	Huth et al.	
	46	US- 4,836,986	06-06-1989	Ogunbiyi et al.	
	47	US- 4,863,900	09-05-1989	Pollock et al.	
	48	US- 4,891,423	01-02-1990	Stoekel	
Z.F.	49	US- 4,804,454	01-16-1990	Paradies	

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Z.F.	50	WO 97/34834	09-25-1997	Bio-Lab, Inc.		
	51	WO 97/41215	11-06-1997	Novo Nordisk A/S		
	52	EP 0 812 592 A1	12-17-1997	Kikkoman Corp.		
	53	JP 10-108899	04-28-1998	Tomey Technol Corp		T
	54	RU 2127100	03-10-1999	Borzenko et al.		T
	55	WO 99/23887	05-20-1999	Novo Nordisk A/S		
	56	WO 99/37295	07-29-1999	Devillez et al.		
	57	JP 2000016965 A	01-18-2000	Mitsubishi Gas		
Z.F.	58	WO 00/07634	02-17-2000	NDT, Inc.		

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		Filing Date		August 1, 2005	
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		Art Unit		1614	
		Examiner Name		Zohreh A. Fay	
		Attorney Docket Number		3009108 US01	

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Z.F.	59	US- 4,988,710	01-29-1991	Olney		
	60	US- 4,997,626	03-05-1991	Dziabo et al.		
	61	US- 5,030,721	07-09-1991	Kasai et al.		
	62	US- 5,078,908	01-07-1992	Ripley et al.		
	63	US- 5,089,261	02-18-1992	Nitecki et al.		
	64	US- 5,122,354	06-16-1992	Tsuji et al.		
	65	US- 5,174,872	12-29-1992	Scott		
	66	US- 5,175,161	12-29-1992	Yokoyama et al.		
	67	US- 5,182,258	01-26-1993	Chiou		
	68	US- 5,192,535	03-09-1993	Davis et al.		
	69	US- 5,279,673	01-18-1994	Dziabo et al.		
	70	US- 5,300,296	04-05-1994	Holly et al.		
	71	US- 5,306,440	04-26-1994	Ripley et al.		
	72	US- 5,361,287	11-01-1994	Williamson		
	73	US- 5,380,303	01-10-1995	Holly et al.		
	74	US- 5,439,572	08-08-1995	Pankow		
	75	US- 5,449,658	09-12-1995	Unhoch et al.		
	76	US- 5,494,937	02-27-1996	Asgharian et al.		
	77	US- 5,547,990	08-20-1996	Hall et al.		
Z.F.	78	US- 5,591,773	01-07-1997	Grunberger et al.		

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Z.F.	79	WO 00/11514	03-02-2000	Serju Pharmaceutical		
Z.F.	80	EP 0 923 950 A3	12-27-2000	Tomey Corporation		

Examiner Signature		Date Considered	7/18/07
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Sheet	4	of	7	

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Z.F.	81	US- 5,607,681	03-04-1997	Galley et al.	
	82	US- 5,624,958	04-29-1997	Isaacs et al.	
	83	US- 6,550,862	08-26-1997	Park et al.	
	84	US- 5,661,130	08-26-1997	Meezan et al.	
	85	US- 5,674,450	10-07-1997	Lin et al.	
	86	US- 5,691,379	11-25-1997	Ulrich et al.	
	87	US- 5,718,895	02-17-1998	Asgharian et al.	
	88	US- 5,719,110	02-17-1998	Cook	
	89	US- 5,741,817	04-21-1998	Chowhan et al.	
	90	US- 5,770,582	06-23-1998	von Borstel et al.	
Z.F.	91	US- 5,780,450	07-14-1998	Shade	
	92	US- 5,807,585	09-15-1998	Martin et al.	
	93	US- 5,811,446	09-22-1998	Thomas	
	94	US- 5,854,303	12-29-1998	Powell et al.	
	95	US- 5,869,468	02-09-1999	Freeman	
	96	US- 5,888,950	03-30-1999	Potini et al.	
	97	US- 5,891,733	04-06-1999	Inoue	
	98	US- 5,925,317	07-20-1999	Rogalskyj et al.	
	99	US- 5,925,371	07-20-1999	Ishiwatari	
	Z.F.	100	US- 5,942,218	08-24-1999	Kirschner et al.

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Examiner Signature	<i>Zachary Fay</i>	Date Considered	7/8/07
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Sheet 5 of 7

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	102	US- 5,925,320	09-14-1999	Davidson et al.	
	103	US- 5,965,736	10-12-1999	Akhavan-Tafti	
	104	US- 5,968,904	10-19-1999	Julian et al.	
	105	US- 6,001,805	12-14-1999	Jaynes et al.	
	106	US- 6,008,195	12-28-1999	Selsted	
	107	US- 6,022,732	02-08-2000	Bakhil et al.	
	108	US- 6,056,920	05-02-2000	Lepre	
	109	US- 6,117,869	09-12-2000	Picard et al.	
	110	US- 6,121,327	09-19-2000	Tsuzuki et al.	
	111	US- 6,126,706	10-03-2000	Matsumoto et al.	
Z.F.	112	US- 6,139,646	10-31-2000	Asgharian et al.	
	113	US- 6,156,563	11-28-2000	Smith et al.	
	114	US- 6,153,568	11-28-2000	McCanna et al.	
	115	US- 6,162,393	12-19-2000	De Bruijn et al.	
	116	US- 6,191,110 B1	02-20-2001	Jaynes et al.	
	117	US- 6,309,596 B1	10-30-2001	Xia et al.	
	118	US- 6,309,658 B1	10-30-2001	Xia et al.	
	119	US- 6,432,893 B1	08-13-2002	Dol et al.	
	120	US- 6,617,291 B1	09-09-2003	Smith	

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*(Use as many sheets as necessary)*

Sheet	6	of	7
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		Filing Date	August 1, 2005
		First Named Inventor	Francis X. Smith
		Art Unit	1614
		Examiner Name	Zohreh A. Fay
Sheet 7 of 7	Attorney Docket Number	3009108 US01	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
2F	124	BALLWEBER et al., "In Vitro Microbicidal Activities of Cecropin Peptides D2A21 and D4E1 and Gel Formulations Containing 0.1 to 2% D2A21 against <i>Chlamydia trachomatis</i> ", Antimicrobial Agents and Chemotherapy, Jan. 2002, pp 34-41, Vol. 46, No. 1	
	125	CREIGHTON, THOMAS E., "Proteins Structures and Molecular Properties", W.H. Freeman & Co., New York, 1984, pp 179-182	
	126	DE LUCCA et al., "Fungicidal Properties, sterol binding, and proteolytic resistance of the synthetic peptide D4E1", Canadian Journal of Microbiology, June 1998, pp 514-520, Vol. 44, No. 6	
	127	KEAY, L., MOSER, P.W. and WILDO, B.S., "Proteases of the Genus Bacillus. II. Alkaline Proteases", Biotechnology & Bioengineering, March 1970, pp 213-249, Vol. XII	
	128	KEAY, L. and MOSER, P.W., "Differentiation of Alkaline Proteases from Bacillus Species", Biochemical and Biophysical Research Comm, 1969, pp 600-604, Vol. 34, No. 5	
2F	129	SCHUTTE, L., et al., "The Substitution Reaction of Histidine and Some Other Imidazol Derivatives With Iodine", Tetrahedon, Supp. No. 7, 1965, pp 295-306	

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